01AN170-A

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

- 1. (Currently Amended) A system that facilitates operation of a tool, comprising: a moveable member having a length, that moves in a rotary motion about a central axis and a linear motion along the central axis to position an associated drive member; and the [[a]] drive member [[that]] is parallel to the central axis, and [[that]] extends the length of the moveable member to engage the tool, which drive member operates independently of the moveable member.
- 2. (Original) The system of claim 1, the drive member extends through the moveable member to engage the tool.
- 3. (Original) The system of claim 1, the drive member is a rod that is axially aligned with the central axis.
- 4. (Original) The system of claim 1, further comprising a coupling that is affixed to one end of the drive member such that the coupling loosely engages the tool to facilitate driving the tool.
- 5. (Original) The system of claim 1, the drive member drives the tool, which facilitates at least one of dispensing a fluid, cutting, drilling.
- 6. (Original) The system of claim 1, further comprising a drive system that couples to the drive member, which drive member slidably engages the drive system.
- 7. (Original) The system of claim 1, further comprising a control system that controls at least one of the rotary motion, and the linear motion of the moveable member, and the linear motion of the drive member.

- 8. (Original) The system of claim 1, the moveable member includes positioning means that facilitate controlling at least one of the rotary motion to a predetermined a rotary position and the linear motion to a predetermined a linear position.
- 9. (Original) The system of claim 8, the positioning means comprises magnetic means.
- 10. (Original) The system of claim 1, further comprising a coupling chamber that couples the tool to the moveable member.
- 11. (Original) The system of claim 1, further comprising a housing that partially houses the moveable member such that the linear motion extends the moveable member substantially therefrom.
- 12. (Currently Amended) A method of operating a tool, comprising: coupling a moveable member to the tool; rotating the moveable member about a central axis and[[;]] moving the moveable member along the central axis to position an associated drive rod; and

driving part of the tool with the [[a]] drive rod that operates independently of motion of the moveable member.

- 13. (Original) The method of claim 12, the drive rod is axially aligned with the central axis.
- 14. (Original) The method of claim 12, the moveable member is at least one of rotated about the central axis and moved along the central axis by a magnetic drive system.
- 15. (Original) The method of claim 12, further comprising engaging one end of the drive rod with a drive system.
- 16. (Original) The method of claim 12, further comprising preloading one end of the moveable member such that the tool is urged into contact therewith.

- 01AN170-A
- 17. (Original) The method of claim 12, further comprising affixing a drive coupling at one end of the drive rod to engage the tool.
- 18. (Original) The method of claim 12, further comprising driving the drive rod with a direct drive system such that the drive rod extends though the direct drive system.
- 19. (Original) The method of claim 12, further comprising performing the acts of rotating and moving substantially simultaneously.
- 20. (Original) The method of claim 12, further comprising:

 controlling the moveable member according to at least one of rotational movement and
 linear movement to arrive at a predetermined position; and

 sensing the position of the moveable member with a sensor.
- 21. (Original) The method of claim 12, the act of driving occurs in response to sensing the moveable member at the predetermined position.
- 22. (Original) The method of claim 12, further comprising controlling the moveable member with a feedback control system such that progress of a task being performed by the tool is controlled.
- 23. (Currently Amended) A system for operating a tool, comprising: means for providing rotary movement of a moveable member about a central axis and for providing linear movement of the moveable member along the central axis to position an associated drive member; and

means for driving part of the [[an]] associated tool independently of movement of the moveable member, the associated tool is attached to the means for providing and the means for driving extends through at least a portion of the means for providing.

- 24. (Original) The system of claim 23, further comprising means for rotating the means for driving about an axis thereof, the means for rotating being operatively coupled to the means for providing.
- 25. (Original) The system of claim 24, the means for driving further comprising a drive rod that extends through the means for providing and is independently rotatable relative to rotary movement of the moveable member.
- 26. (Original) The system of claim 24, further comprising means for dispensing fluid in response to rotation of the drive rod.
- 27. (Original) The system of claim 26, the means for dispensing includes a screw that dispenses the fluid according to rotation of the drive rod.
- 28. (Original) The system of claim 24, the tool is removably engaged to the means for providing.
- 29. (Original) The system of claim 23, the means for driving is at least one of a direct drive system and an indirect drive system.
- 30. (Original) The system of claim 23, the means for providing includes magnetic means that facilitate the linear movement.
- 31. (Original) The system of claim 23, further comprising a coupling means that couples the tool to the moveable member.